COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Adaptive Reuse of Historic Buildings	ARCH460	8	**Theory** 3	**Practice** 0	3	5
Course Type	Compulsory Courses	Department Elective	Faculty Elective	University Elective	CoHE (YÖK) Compulsory	Other
		x	x			
Level of Course	Associate Degree (Short Cycle)		Undergraduate (First Cycle)		Graduate / Doctoral (Second / Third Cycle)	
			x			

Language of Instruction	English

Course Instructor(s)	Asst. Prof. Dr. Aliye MENTEŞ YARDIMCI	E-mail: aliye.yardimci@arucad.edu.tr Office: TI OFF20
Course Objectives	This course introduces meaning and significance of adaptive re-use in historic buildings. The course also gives an insight to the historical background and development of contemporary adaptive re-use approaches linked to contemporary conservation principles. Students are expected to reflect their raised awareness and gathered knowledge in their examinations. The objective of the course is to give the students an understanding of the importance of new uses for historical buildings for safeguarding the socio-cultural and economic values as well as the physical fabric. The focus of the course includes scientific and up to date approach to the adaptive-reuse methodology, history of the adaptive re-use theory and contemporary conservation approach.	
Course Learning Outcomes		

Course Learning Outcomes (Students will be able to)	**Teaching Methods**	**Evaluation Methods**
Define and explain the meaning and significance of adaptive reuse in the conservation of historic buildings.	Lectures, Classroom discussions	Midterm Exam, Assignment, Final

	(Bloom level: Remembering / Understanding)		
	Describe the key principles and methods of adaptive reuse in relation to historic buildings. *(Bloom level: Understanding)*	Lectures, discussions, case studies	Midterm Exam, Assignment, Final
	Identify and analyse different typologies, characteristics and spatial qualities of historic buildings in relation to their potential for adaptive reuse. *(Bloom level: Analyzing)*	Analysis tasks in class, discussions, case studies, field survey	Midterm Exam, Assignment, Final
	Apply appropriate surveying and analysis methods to assess a heritage building for adaptive reuse. *(Bloom level: Applying)*	Lectures, group discussions, field survey	Midterm Exam, Assignment, Final
	Propose an appropriate new function for a surveyed heritage building based on its existing characteristics, heritage values and adaptive reuse principles. *(Bloom level: Creating)*	Discussions, field survey	Midterm Exam, Assignment, Final

Course Content

This course introduces students to the principles and methods of adaptive reuse as an important approach to the conservation and continued use of historic buildings. It focuses on the significance of adaptive reuse in safeguarding buildings of different architectural typologies while maintaining their heritage values and responding to contemporary needs.

Through lectures and case studies, students examine different approaches to adaptive reuse in relation to contemporary conservation philosophy. Particular attention is given to understanding the existing architectural and spatial characteristics of historic buildings, identifying their potential for new uses, and considering the relationship between heritage significance, existing fabric and proposed functions.

Students will analyse local and international examples and explore how appropriate new functions can contribute to the sustainable conservation of historic buildings. The course develops students' ability to critically understand adaptive reuse approaches and to propose suitable new uses based on the characteristics, values and spatial qualities of heritage buildings.

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Introduction to the course's topic.	T-P	No need for preliminary preparation.
2	Introduction of the key terminology: historic buildings, conservation, sustainability, adaptive re-use, change, transformation of spaces, typology, intervention.	T-P	No need for preliminary preparation.
3	Historic buildings/sites; necessity to change their original function, different typologies.	T-P	Preliminary preparation required.
4	Principles for new use to historic buildings and adaptive re-use. Conversion methodology and case studies.	T-P	No need for preliminary preparation.
5	Investigation of different historic building typologies and their situations	T-P	No need for preliminary preparation.
6	Investigation of different historic building typologies and their situations: Caravanserais (Büyük Han, Kumarcılar Han in Nicosia, others around the world)	T-P	No need for preliminary preparation.
7	Investigation of different historic building typologies and their situations: Hamams (Büyük Hamam, Ömeriye Hamam, others around the world)	T-P	No need for preliminary preparation.
8	**MID-TERM EXAMS**		

9	Investigation of different historic building typologies and their situations: Industrial Heritage Sites (Train stations, Carob mills, Power stations, Gasometers,dockyards…)	T-P	No need for preliminary preparation.
10	Investigation of different historic buildings' adaptive reuse in North Cyprus Technical **Site Visit**	T-P	No need for preliminary preparation.
11	Investigation of different historic building typologies and their situations: Student Presentations and discussions	T-P	Preliminary preparation required.
12	Investigation of different historic building typologies and their situations: Student Presentations and discussions	T-P	Preliminary preparation required.
13	Investigation of different historic building typologies and their situations: Student Presentations and discussions	T-P	Preliminary preparation required.
14	Final Project critics.	T-P	Preliminary preparation required.
15	Final Project critics.	T-P	Preliminary preparation required.
16	Final Project critics.	T-P	Preliminary preparation required.
17	Final Project critics.	T-P	Preliminary preparation required.
18	**Final Exams week**		

Required Course Material(s) / Reading(s)/ Text Book(s)	Wong, Liliane (2023). *Adaptive reuse in architecture: a typological index.* Basel, Switzerland: Birkhäuser. **ARUCAD Library Catalogue no: TH3401.W655 2023.** Wong, Liliane (2017). *Adaptive Reuse extending the lives of buildings*. Basel, Switzerland: Birkhäuser. **ARUCAD Library Catalogue no: REF TH3401.W655 2017.**

	Orbasli, Aylin (2008). *Architectural conservation: principles and practice.* Malden, MA: Blackwell Science. **ARUCAD Library Catalogue no: NA105.O73 2008.** Orbasli, Aylin and Vellinga, Marcel (2020). *Architectural regeneration*. Hoboken, NJ: Wiley-Blackwell, ISBN: 9781119340331 **ARUCAD Library Catalogue no: NA2543.S6.A624 2020**
Recommended Course Material(s)/ Reading(s) /Other	

ASSESSMENT		
Learning Activities	**NUMBER**	**WEIGHT in %**
Mid-Term	1	30
Quiz	0	
Assignment	1	20
Project	0	
Field Study	0	
Presentation / Seminar	0	
Studio Practice	0	
Other	0	
Contribution of Final Examination/Final Project/ Dissertation to the **Final** Grade	1	50
TOTAL		100

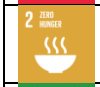
CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME LEARNING OUTCOMES		
No	**PROGRAMME LEARNING OUTCOMES**	Level of Contribution (1- lowest/ 5- highest)

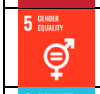
		1	2	3	4	5
1	Understand architectural history, theory, and cultural heritage, including the relationship between local/vernacular traditions and global architectural discourse.					X
2	Understand the technical knowledge and the principles of structural systems, building technology, environmental performance, and construction processes as integrated components of architectural design.					X
3	Comprehend sustainability, ecological sensitivity, and climate-responsive design principles and their application across different scales of the built environment.				X	
4	Recognize the legal, ethical, and professional frameworks governing architectural practice, including relevant codes, standards, universal ethical values, and the principles of project management and cost estimation.					X
5	Apply creative and critical design thinking to develop holistic architectural solutions that respond to spatial, environmental, cultural, and social challenges at local, national, and global scales.				X	
6	Produce professional drawings, models, technical documentation, and digital/parametric visualizations that effectively communicate architectural proposals at all stages of design.				X	
7	Conduct systematic, evidence-based research and apply critical evaluation methods to inform and validate design decisions throughout the design process.				X	
8	Integrate interdisciplinary knowledge — spanning art, engineering, ecology, and social sciences — to produce innovative and contextually sensitive design outcomes.				X	
9	Demonstrate professional and ethical responsibility, with sensitivity to environmental sustainability, socio-cultural diversity, and the well-being of communities served by architectural practice.					X
10	Collaborate effectively in interdisciplinary and intercultural teams, demonstrating leadership, communication, and project management competencies in design and professional contexts.				X	
11	Communicate architectural ideas persuasively and clearly in verbal, visual, and written form to professional, academic, client, and public audiences.			X		
12	Engage in continuous self-reflection, lifelong learning, and active contribution to the evolving architectural profession at local, regional, and international levels.				X	

ECTS / STUDENT WORKLOAD				
ACTIVITIES	**NUMBER**	**UNIT**	**HOUR**	**TOTAL (WORKLOAD)**
Course Teaching Hour (14 weeks * total course hours)	16	1	3	48
Preliminary Preparation and self- study	8	1	2	16

Mid-Term and preparation	1	1	15	15
Quiz				
Assignment and preparation	1	1	10	10
Project				
Field Study	1	1	10	10
Presentation / Seminar	1	1	5	5
Studio Practice				
Final Examination/ Final Project/ Dissertation	1	1	25	25
Other				
TOTAL WORKLOAD				129
TOTAL WORKLOAD / 25				5.16
ECTS				5

ETHICAL RULES WITH REGARD TO THE COURSE
Plagiarism Disclaimer Detected and undetected plagiarism is a serious offense at any time and it could have devastating effects on your degree result and future professional lives. Plagiarism is easy to avoid if you make sure to identify and acknowledge your sources thoroughly and do not copy directly from visual examples, designs, or notes that have in turn been taken word for word from your sources.

	SDG 1: No Poverty	
	SDG 2: Zero Hunger	
	SDG 3: Good Health and Well-Being	

	SDG 4: Quality Education	X
	SDG 5: Gender Equality	X
	SDG 6: Clean Water and Sanitation	
	SDG 7: Affordable and Clean Energy	
	SDG 8: Decent Work and Economic Growth	
	SDG 9: Industry, Innovation and Infrastructure	
	SDG 10: Reduced Inequalities	
	SDG 11: Sustainable Cities and Communities	X
	SDG 12: Responsible Consumption and Production	
	SDG 13: Climate Action	
	SDG 14: Life Below Water	
	SDG 15: Life on Land	
	SDG 16:Peace, Justice and Strong Institutions	
	SDG 17:Partnership for the Goals	

ASSESSMENT DETAILS AND EVALUATION CRITERIA:	
Final Grades will be determined according to the Course Learning Activities and Final Examination/ Project/ Dissertation Assessment Details as below, and comply with the Education and Examination Regulation set by the University. Students are required to attend at least 70% of the classes. The maximum allowable absenteeism is 30%. Midterm %30 Assignment %20 Final %50	
PREPARED BY	Asst. Prof. Dr. Aliye MENTEŞ YARDIMCI (February 2022)
UPDATED	February 2025
APPROVED	